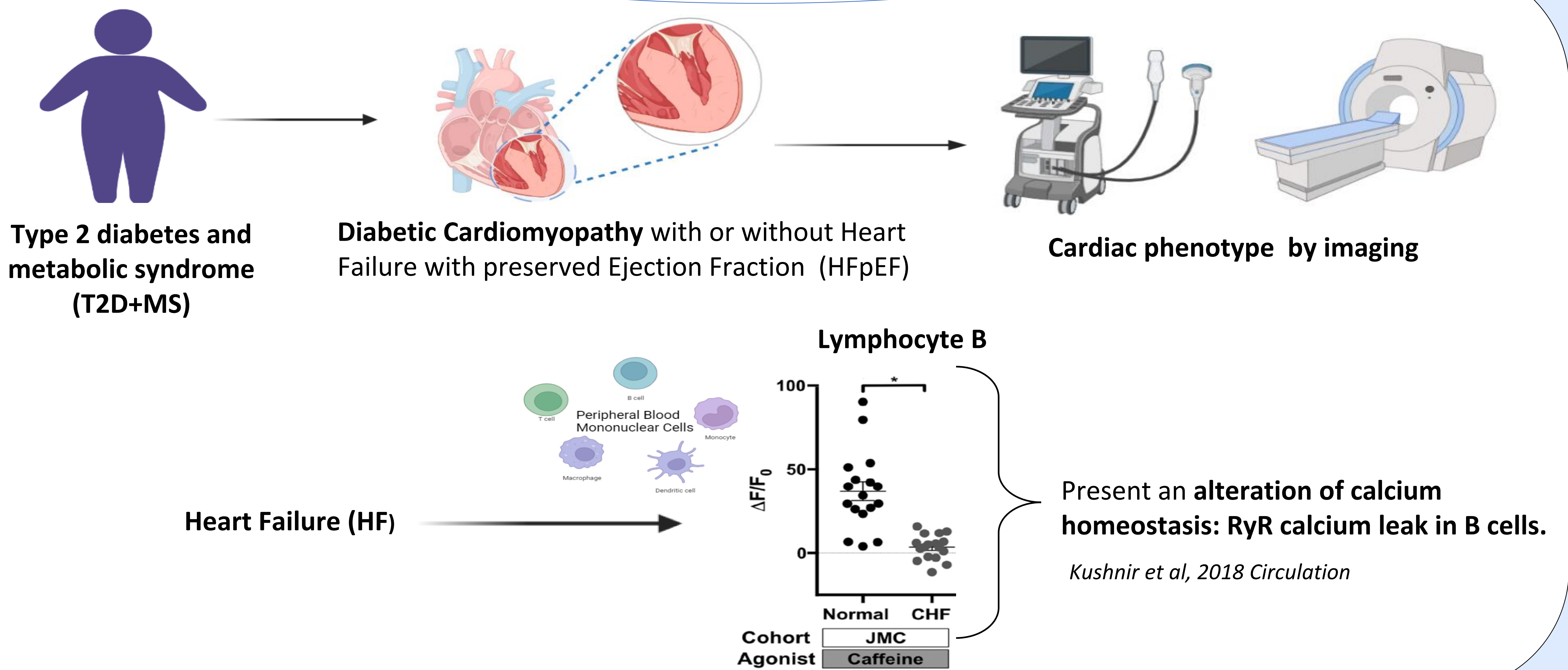


MOBIDIC: Peripheral Blood Mononuclear Cells as new Biomarkers of Diabetic Cardiomyopathy

Maëlle Cherpaz, PhD Student 1st Year

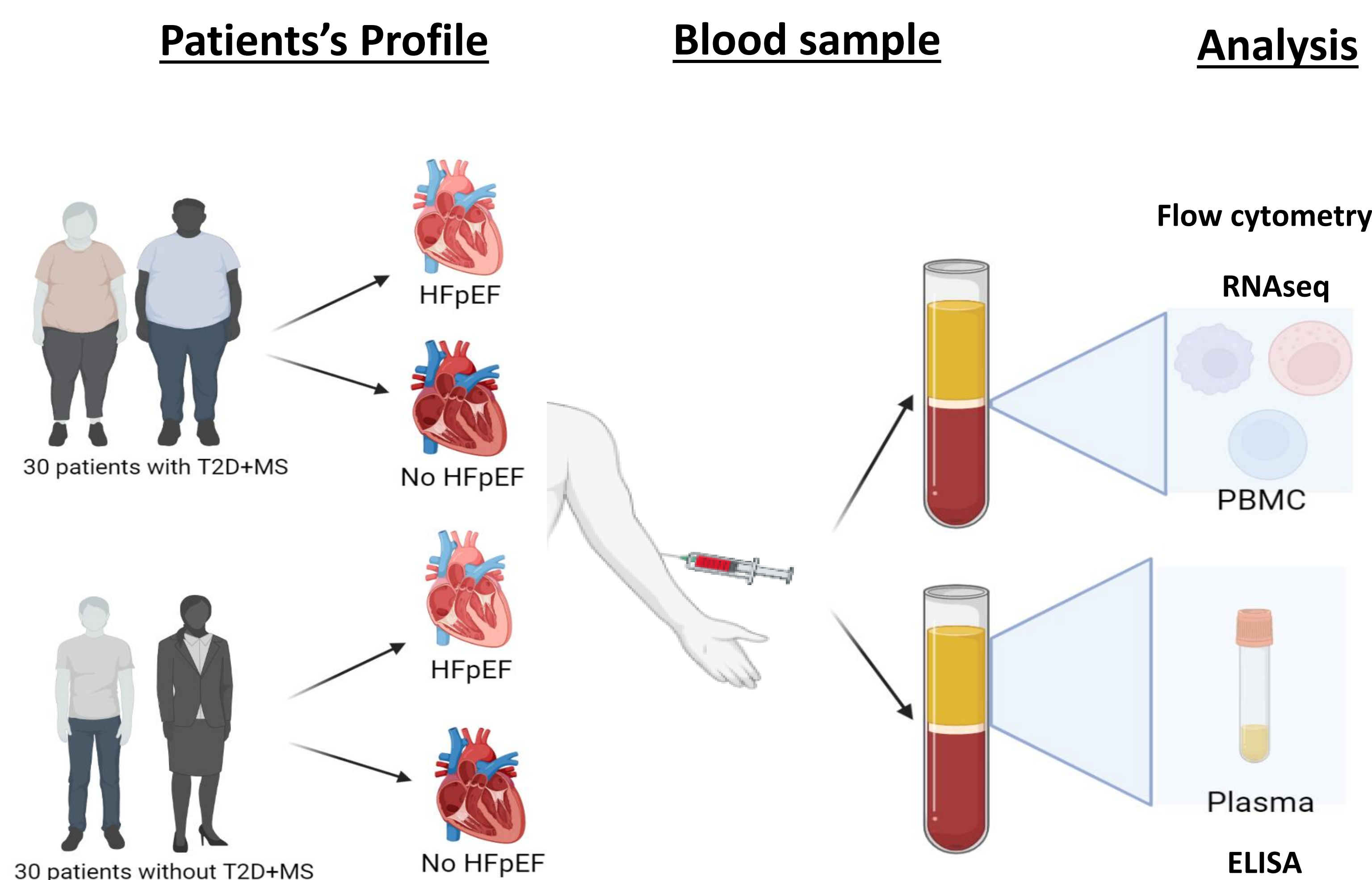
Supervisors: Hélène Thibault & Cyrille Bergerot; Mélanie Paillard – Hospices Civils de Lyon – CarMeN IRIS Team

Introduction



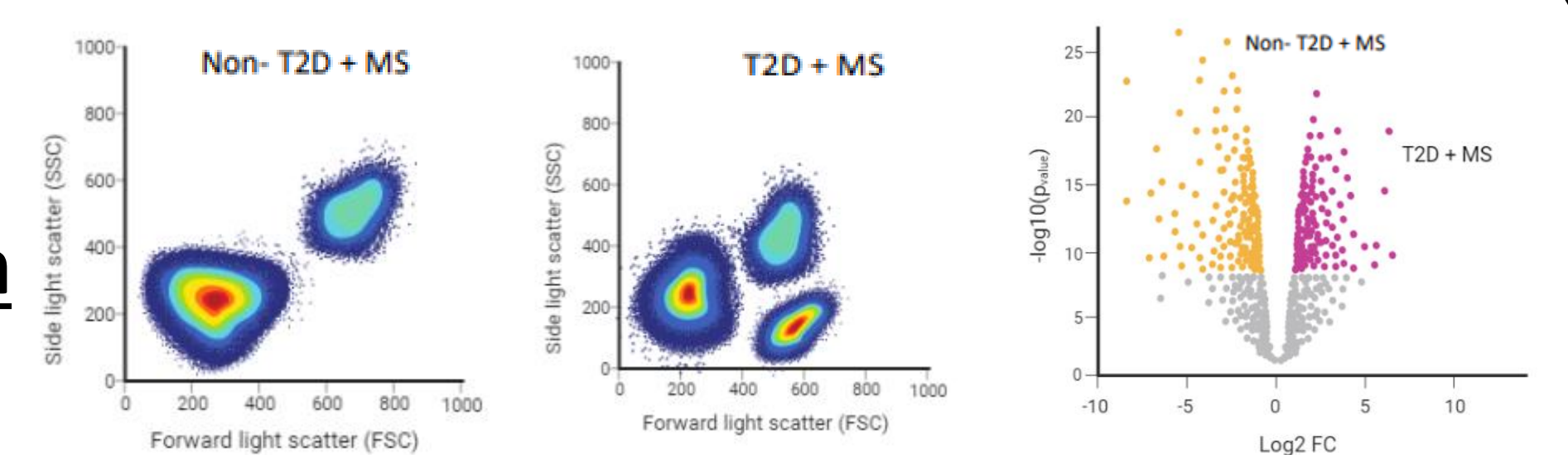
Hypothesis: Peripheral Blood Mononuclear Cell (PBMC) may carry the molecular signature of cardiac remodelling and function and may be a Diabetic Cardiomyopathy (DCM) biomarker

Methods

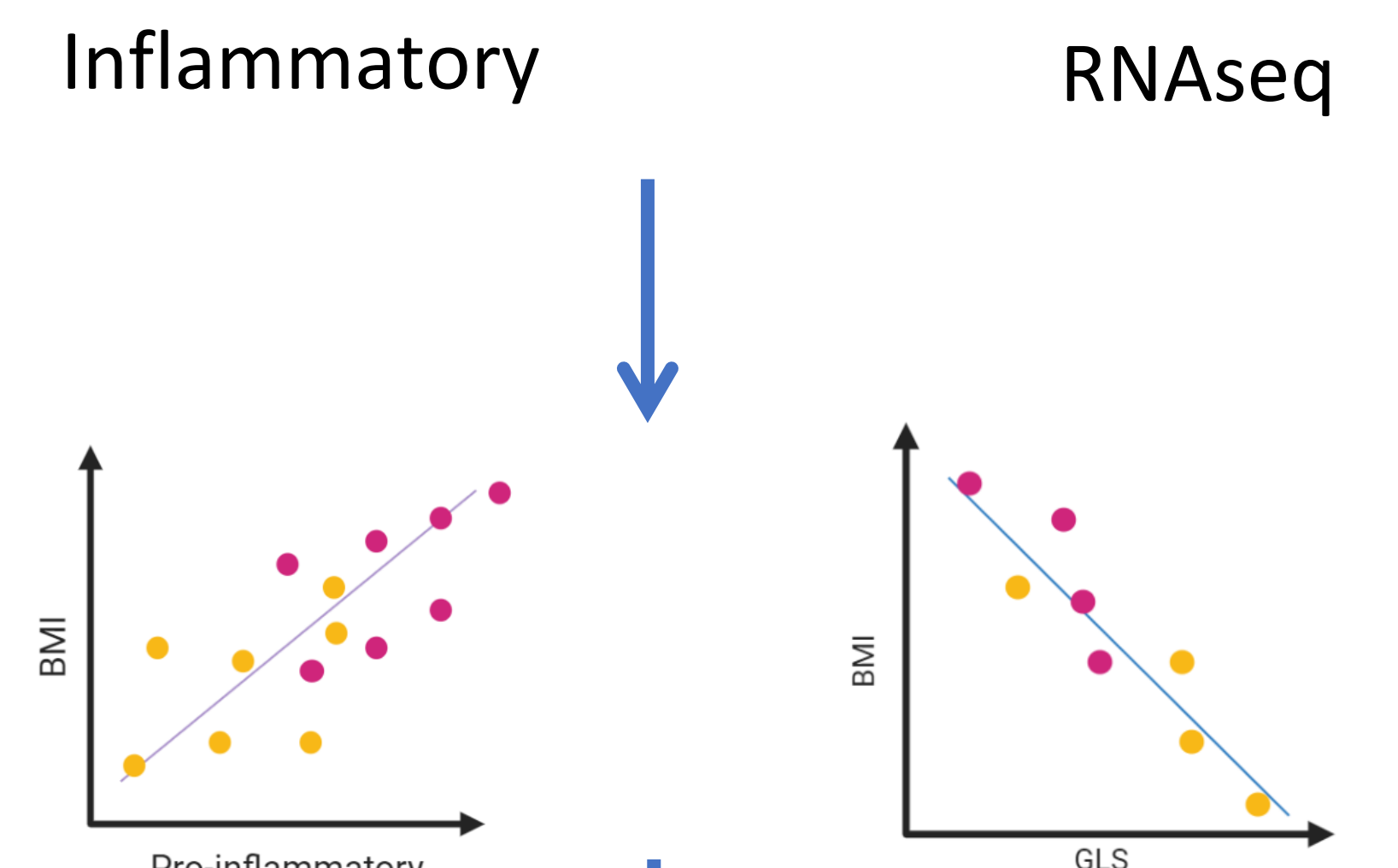


Expected Results

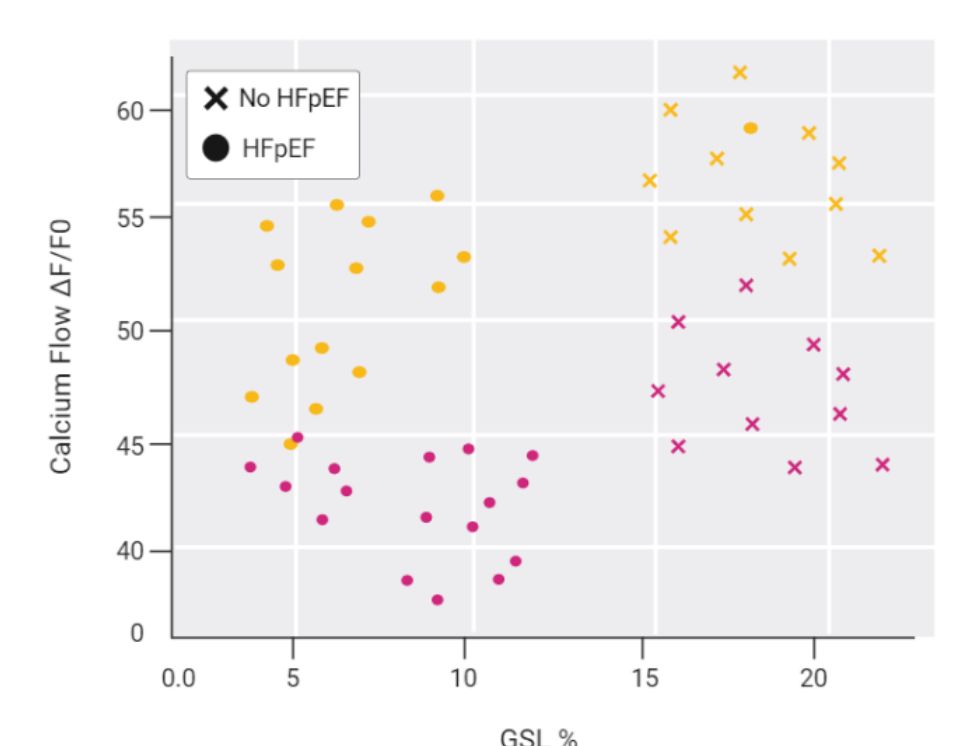
Difference between PBMC profile



Correlated with clinical data



Identification of sub-groups



Conclusion and perspectives: Our study will unravel an inflammatory and calcic phenotype of PBMC specific of T2D+MS and/or HFpEF patients. This could open an avenue for future studies to correlate PBMC profile with the severity of DCM.